



15. Adjust the rear brake as described in Chapter Three.

WARNING

Do not ride the ATV before making sure the brakes operate properly.

REAR BRAKE LEVER/PARKING BRAKE CABLE

The handlebar mounted rear brake lever (A, Figure 71) operates the rear brake and is also equipped with a lock which allows it to be used as a parking brake.

1. Remove the front fender (Chapter Fifteen).
2. Loosen and remove the rear brake lever/parking brake cable adjusting nut (B, Figure 69), collar and spring at the brake arm.

3. Disconnect the brake cable from the bracket on the brake panel.

4. Disconnect the brake cable (B, Figure 71) from the brake lever.

5. Tie a long piece of heavy string to one end of the brake cable. While removing the brake cable, the string will follow the cable's original path, allowing the new cable to be installed correctly.

6. Remove any clamps or cable guides (Figure 72, typical) securing the brake cable to the frame.

7. Remove the brake cable, making sure the string follows its original path.

8. Lubricate the new brake cable as described in Chapter Three.

9. Cut the string and tie it to the end of the new brake cable. Then pull the string and install the new brake cable along its original path.

10. Reconnect the brake cable to the brake lever (B, Figure 71).

11. Secure the brake cable with clamps or cable guides (Figure 72, typical).

12. Reconnect the rear brake lever/parking brake cable to the brake panel. Install the spring, collar and adjusting nut (B, Figure 69).

13. Adjust the rear brake as described in Chapter Three.

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WARNING

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Table 1 FRONT BRAKE SERVICE SPECIFICATIONS

	New mm (in.)	Service limit mm (in.)
Brake drum inside diameter	160.0 (6.30)	161.0 (6.34)
Brake shoe lining thickness	4.0 (0.16)	1.0 (0.04)
Brake panel seal lip length	22 (0.9)	20 (0.8)
Brake panel warp	—	0.4 (0.02)
Master cylinder bore diameter	12.700-12.743 (0.5080-0.5017)	12.755 (0.5022)
Master cylinder piston outside diameter	12.657-12.684 (0.4983-0.4994)	12.645 (0.4978)
Wheel cylinder inside diameter	17.460-17.503 (0.6874-0.6891)	17.515 (0.6896)
Wheel cylinder piston outside diameter	17.417-17.444 (0.6857-0.6868)	17.405 (0.6852)
Waterproof seal lip length	22.0 (0.87)	20.0 (0.79)

Table 2 REAR BRAKE SERVICE SPECIFICATIONS

	New mm (in.)	Service limit mm (in.)
Brake drum inside diameter	160.0 (6.30)	161.0 (6.34)
Brake lining thickness	5.0 (0.20)	See text

Table 3 BRAKE TORQUE SPECIFICATIONS

	N·m	in.-lb.	ft.-lb.
Brake bleeder valve	6	53	—
Brake drum bolts	12	106	—
Brake hose clamp	12	106	—
Brake hose three-way joint nut	17	—	13
Brake hose banjo bolt	34	—	25
Front brake panel mounting bolts	29	—	22
Front hub nut	78	—	58
Master cylinder brake lever			
Pivot bolt	6	53	—
Nut	6	53	—
Master cylinder mounting bolts	12	106	—
Master cylinder reservoir cap screw	2	17.7	—
Rear brake arm bolt and nut	20	—	15
Rear brake panel drain plug	12	106	—
Rear brake panel locknuts	44	—	33
Wheel cylinder			
Bolt	8	71	—
Nut	17	—	13
Brake line nuts	16	—	12

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